

Title (en)
ANTI-REFLECTIVE FILM

Title (de)
ANTIREFLEXFOLIE

Title (fr)
FILM ANTIREFLET

Publication
EP 3315305 A4 20181003 (EN)

Application
EP 16884041 A 20161227

Priority
• KR 20160002242 A 20160107
• KR 2016015340 W 20161227

Abstract (en)
[origin: EP3315305A1] The present invention relates to an antireflection film. The antireflection film includes a low refractive index layer having excellent alkali resistance and exhibiting remarkably improved mechanical properties such as scratch resistance and impact resistance as well as reduction of a glare phenomenon, and a base film exhibiting excellent mechanical strength and water resistance in spite of a thin thickness and having no fear of interference fringes occurring. Therefore, such antireflection film can be used as a protective film of a polarizing plate or used as any other component so as to provide a thin display device, and furthermore, can effectively prevent the glare phenomenon of the display device, and can more improve the durability and lifespan thereof.

IPC 8 full level
C08J 7/043 (2020.01); **C08J 7/044** (2020.01); **C08J 7/046** (2020.01); **C08J 7/048** (2020.01); **C09D 5/00** (2006.01); **G02B 1/111** (2015.01); **C08L 67/02** (2006.01); **C08L 83/04** (2006.01)

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Citation (search report)
• [Y] JP 2014065887 A 20140417 - TOYO BOSEKI
• [Y] DATABASE WPI Week 201504, Derwent World Patents Index; AN 2014-W35826, XP002784102
• See references of WO 2017119658A1

Cited by
EP3715921A4; EP3243884B1

Designated contracting state (EPC)
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Designated extension state (EPC)
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DOCDB simple family (publication)
EP 3315305 A1 20180502; EP 3315305 A4 20181003; EP 3315305 B1 20210310; CN 107921757 A 20180417; CN 107921757 B 20210402; JP 2018525667 A 20180906; JP 6672579 B2 20200325; KR 102016710 B1 20190902; KR 20170082918 A 20170717; US 11548992 B2 20230110; US 2018217297 A1 20180802; US 2021206936 A1 20210708; WO 2017119658 A1 20170713

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